



Edward Kolodziej

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April 10, 2017

Todd Gmitro
Corrective Action Project Manager
Remediation and Reuse Branch - U.S. EPA Region 5
77 W. Jackson Blvd. (LU-9J)
Chicago, IL 60604

Re: General Electric Company, Evendale, Ohio
OHD 000 817 312
Progress Report

Dear Mr. Gmitro:

Please find attached the First Quarter 2017 Progress Report. If you have any questions, please contact me at (610) 992-7981.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manages the system or those persons directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Ed Kolodziej
Senior Project Manager – Environmental Remediation

cc: Chief Mike Hauck, Evendale Fire Department
Tim Hull, Ohio EPA
Ralph Mertz, BUSTR (Incident Number: 31001060)
John Wolfe, United States Air Force
Kent Scott-Smith, United States Air Force
Joanne Reinhold, GE

Description of Work Completed in First Quarter 2017:

- Performed continuous pumping from extraction wells in each water-bearing unit. The average pumping rates for the first quarter 2017 were:

| <u>Well ID</u> | <u>Unit</u> | <u>1Q 2017 Average Pumping Rate (gpm)</u> |
|----------------|-------------|---|
| EW-2P | Perched | 13 |
| EW-4P | Perched | 15 |
| EW-5P | Perched | 23 |
| EW-6P | Perched | 19 |
| EW-7S | USG | 4* |
| EW-3D | LSG | 30 |
| EW-8D | LSG | 46 |

Total 1Q2017 Avg = 150gpm

*Note: Previous redevelopment of EW-7S did not significantly improve well yield. Monitoring at downgradient wells indicates continued CVOC decrease.

- Continued operation of the IRM groundwater treatment system (GWTS), including maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters. Operational run-time for the treatment plant was 91.3% during the first quarter 2017.
- Performed monthly inspections of the GWTS piping clean-outs between January and March, 2017. No damage or defects were observed during any of the inspections.
- Performed re-development activities, using Boreblast® method and glycolic acid, on extraction well EW-3D in February 2017.
- Replaced failed pump motors in extraction well EW-2P and EW-4P during the same mobilization as the re-development of extraction well EW-3D.
- Replaced cracked air stripper blower wheel in early March 2017.
- Continued CMS activities and development of the CMS Report. Highlights of CMS activities conducted in the first quarter of 2017 include:
 - In response to discussions and feedback from USEPA during the September 7, 2016 meeting, GE continued to develop additional information regarding future facility plans and SWMU management and soil management activities at the Facility. This information will be provided in a redline version of the Institutional & Engineering Controls (I&EC) Interim Report to be included as an appendix to the CMS Report.
 - Prepared redline versions of the final Soil Vapor Summary, Soil Pathway Analysis, and Groundwater Corrective Measures Objectives (CMOs) Reports to be included as appendices to the CMS Report
 - Continued to prepare CMS Report for submittal to USEPA
- Collected indoor air samples at Building 800 on March 29, 2017 at prior indoor air sample locations.
- Continued progress monitoring of aquifer conditions in the three water-bearing units in accordance with the Performance Monitoring Plan (PMP). Submitted the 4th Quarter/2016 Annual IRM Groundwater Monitoring Report to USEPA on March 31, 2017.

- Conducted IRM water level monitoring and transducer downloading on January 3, 2017.
- Conducted the 1st quarter 2017 IRM groundwater sampling between February 20, 2017 and February 23, 2017.
- The Tier 1 report submittal to Ohio BUSTR regarding the Building 500 UST was approved by Ohio BUSTR on December 18, 2015. GE submitted the Tier 2 report to Ohio BUSTR on October 3, 2016. A request for additional information for the Tier 2 submittal was received from Ohio BUSTR on February 16, 2017. GE is preparing a response to this request for submittal to Ohio BUSTR.
- Continued with plans and coordination with Ohio Department of Transportation (ODOT) for well decommissioning/relocation activities associated with new roadway construction inside the western to north portion of the GE property.

Summary of All Findings:

- None

Contacts with the Public:

- None

Problems or Potential Problems Encountered:

- None

Actions Taken to Rectify Problems:

- None

Changes in Personnel during Reporting Period:

- None

Projected Work for Second Quarter 2017:

- Continue pumping in the three aquifer zones (Perched, USG and LSG) and progress monitoring of aquifer conditions as outlined in the PMP. Conduct IRM water level monitoring and transducer download in early April 2017.
- Continue operating the IRM groundwater treatment plant, including scheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters.
- Perform monthly inspections of GWTS piping clean-outs.
- Submit the CMS Report, with consideration to previous USEPA comments on interim reports.
- Prepare the 1st quarter IRM Groundwater Monitoring Report and submit to USEPA.
- Conduct 2nd quarter/1st semiannual IRM groundwater monitoring in mid to late 2nd quarter 2017.
- Collect soil vapor samples from PMW-3VP and SV-12 locations along the southeast perimeter of the Facility.

- Replace well AF-23P in the vicinity of the original plugged and abandoned well.
- Conduct repairs of select monitoring wells identified during annual well inspections.
- Conduct well decommissioning/relocation activities of 21 groundwater monitoring wells and soil vapor probes located within the right-of-way of the new Ohio Department of Transportation (ODOT) roadway construction and reconfiguration. Wells not within the footprint of right-of-way (*e.g.*, extraction wells EW-7S and EW-8D) will be identified to ODOT for protection during construction activities. A total of six monitoring wells (TMW-2S/D, AF-9S/D, and OSMW-4S/D) to be decommissioned will be re-installed as closely as possible to the original location. These wells have been identified as monitoring wells critical to the continued groundwater IRM monitoring program. The replacement of the remaining non-critical monitoring wells will be evaluated and recommendations presented to USEPA after ODOT construction completion.

Copies of Daily Reports and Laboratory/Monitoring Data:

- None